

In the Claims

Claims 1 - 16 (Cancelled)

17. (Original) A high-tensile strength cold-rolled steel sheet having excellent moldability, strain age hardenability and natural aging resistance comprising a composition, by mass %, comprising:

C: 0.0015 to 0.025%;

Si: 1.0% or less;

Mn: 2.0% or less;

P: 0.1% or less;

S: 0.02% or less;

Al: 0.02% or less;

N: 0.0050 to 0.0250%; and

one or both of the following:

B: 0.0001 to 0.0050%; and

Nb: 0.002 to 0.050%;

wherein N/Al is 0.30 or more, the amount of dissolved N is 0.0010% or more, the balance is composed of Fe and inevitable impurities, the structure is composed of an acicular ferrite phase at an area ratio of 5% or more and a ferrite phase having an average crystal grain diameter of 20 μm or less, and the r value is 1.2 or more.

18. (Original) A cold-rolled steel sheet according to Claim 17, wherein the composition further comprises at least one of the following groups a to c:

Group a: at least one of Cu, Ni, Cr and Mo in a total of 1.0% or less;

Group b: one or both of Ti and V in a total of 0.1% or less; and

Group c: one or both of Ca and REM in a total of 0.0010 to 0.010%.

Claims 19-20 (Cancelled)

21. (Original) A high-tensile-strength cold-rolled steel sheet having a high r value and excellent strain age hardenability and natural aging resistance comprising a composition, by mass %, comprising:

C: 0.025 to 0.15%;

Si: 1.0% or less;

Mn: 2.0% or less;

P: 0.08% or less;

S: 0.02% or less;

Al: 0.02% or less; and

N: 0.0050 to 0.0250%;

wherein N/Al is 0.30 or more, the amount of dissolved N is 0.0010% or more, the balance is composed of Fe and inevitable impurities, the structure is composed of a ferrite phase having an average crystal grain diameter of 10 μm or less at an area ratio of 80% or more and a martensite phase as a second phase at an area ratio of 2% or more, and the r value, is 1.2 or more.

22. (Original) A high-tensile-strength cold-rolled steel sheet according to Claim 21, wherein the composition further comprises at least one of the following groups d to g;

Group d: at least one of Cu, Ni, Cr and Mo in a total of 1.0% or less;

Group e: at least one of Nb, Ti and V in a total of 0.1% or less;

Group f: 0.0030% or less of B; and

Group g: one or both of Ca and REM in a total of 0.0010 to 0.010%.

Claims 23-25 (Cancelled)